

OPINION 1068

LEPTOSOMATIDAE IN AVES AND NEMATODA: RESOLUTION OF HOMONYMY ARISING FROM SIMILARITY IN THE NAMES OF THE TYPE-GENERA

RULING. — (1) The following names are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified:

- (a) *Leptosomus* Vieillot, 1816 (gender: masculine), type-species, by subsequent designation by Cabanis & Heine, 1862, *Cuculus discolor* Hermann, 1783 (Name Number 2036);
- (b) *Leptosomatum* Bastian, 1865 (gender: neuter), type-species, by original designation, *Leptosomatum elongatum* Bastian, 1865 (Name Number 2037).

(2) The following names are hereby placed on the Official List of Specific Names in Zoology with the Name Numbers specified:

- (a) *discolor* Hermann, 1783, as published in the binomen *Cuculus discolor* (specific name of type-species of *Leptosomus* Vieillot, 1816) (Name Number 2588);
- (b) *elongatum* Bastian, 1865, as published in the binomen *Leptosomatum elongatum* (specific name of type-species of *Leptosomatum* Bastian, 1865) (Name Number 2589).

(3) The following names are hereby placed on the Official List of Family-Group Names in Zoology with the Name Numbers specified:

- (a) LEPTOSOMIDAE Blyth, 1838 (type-genus *Leptosomus* Vieillot, 1816) (Name Number 481) (Class Aves).
- (b) LEPTOSOMATIDAE Filipjev, 1916 (type-genus *Leptosomatum* Bastian, 1865 (Name Number 482) (Class Nematoda).

(4) The generic name *Leptosoma* Bonaparte, 1850, an incorrect subsequent spelling of *Leptosomus* Vieillot, 1816, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the Name Number 2077.

(5) The following names are hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology with the Name Numbers specified:

- (a) LEPTOSOMATINAE O. des Murs, 1860, an incorrect subsequent spelling of LEPTOSOMINAE Blyth, 1838 (Name Number 474);
- (b) LEPTOSOMATINI Filipjev, 1916, an incorrect original spelling of LEPTOSOMATIDAE Filipjev, 1916 (Name Number 475).

HISTORY OF THE CASE Z.N.(S.) 1975

An application for the resolution of the homonymy between the family-group names LEPTOSOMATIDAE in Aves and Nematoda was first received from Dr. A. M. Sudilovskaia (Zoological Museum, State University

of Moscow) and Dr. G. N. Kashin (Moscow) on 21 June 1971. Before it was sent to the printer, support was received from Dr. Vladimir E. Flint (Moscow). After further correspondence, the application was sent to the printer on 27 August 1974 and was published on 13 January 1975 in *Bull. zool. Nomencl.* vol. 31: 209-211. No comment was received.

DECISION OF THE COMMISSION

On 10 February 1976 the members of the Commission were invited to vote under the Three-Month Rule on Voting Paper (76)3 for or against the proposals set out on pp. 210-211 of vol. 31 of the *Bulletin of Zoological Nomenclature*. At the close of the Voting Period on 10 May 1976 the state of the voting was as follows:

Affirmative votes — eighteen (18) received in the following order: Melville, Holthuis, Mayr, Lemche, Eisenmann, Mroczkowski, Vokes, Sabrosky, Willink, Tortonese, Corliss, Rohdendorf, Habe, Bayer, Heppell, Bernardi, Nye, Ride.

Negative votes — none (0)

Abstained: Dupuis

Late affirmative votes: Alvarado, Brinck, Kraus

Leave of Absence: Binder

Voting Papers not returned: Simpson, Erben, Starobogatov.

The following comments were sent in by members of the Commission with their Voting Papers:

Mayr: Since the type-genus of the avian family is *Leptosomus* (undisputed in the whole current literature), LEPTOSOMATIDAE is clearly in violation of the Code.

Holthuis: Bonaparte (1850, *Conspectus Generum Avium*: 96) used the name "*Leptosoma* Vieill. " in the heading of the genus, and the name "*Leptosomus viridis* Vieill." in the synonymy of the species *Cuculus afer* Gmelin, placed in that genus. Nowhere else in Bonaparte's work is either of those names used. Although it seems most likely that Bonaparte's use of the spelling *Leptosoma* is intentional, this cannot be proven and it therefore has to be treated as an incorrect subsequent spelling of *Leptosomus*. I would therefore suggest deleting in para (4) on p. 211 the words "or unjustified emendation" in the third line. Even if *Leptosoma* Bonaparte, 1850, were an available name (which it is not), it would be invalidated by several senior homonyms, the earliest of which is *Leptosoma* Risso, 1827. [Account has been taken of this comment in drafting the Ruling in this Opinion. R.V.M.]

Dupuis: Le vote ne doit pas intervenir maintenant car les données sont incomplètes. Il existe un *Leptosomatus* Nitzsch, 1829. Si Filipjev a utilisé *Leptosomatus* au lieu de *Leptosomatum* il fallait le souligner. [*Leptosomatus* Nitzsch, 1829, *Obs. de avium arteria carotide communi*, is cited without author, description, indication, or included species and is a nomen nudum. Filipjev did not in fact cite *Leptosomatus*. R.V.M.]

ORIGINAL REFERENCES

The following are the original references for names placed on Official Lists and Indexes by the Ruling given in this Opinion:

discolor, *Cuculus*, Hermann, 1783, *Tab. Aff. Anim.* (2nd edit.): 186
elongatum, *Leptosomatum*, Bastian, 1865, *Trans. linn. Soc. London*,
vol. 25: 145

Leptosoma Bonaparte, 1850, *Consp. gen. Avium*, vol. 1: 96

LEPTOSOMATINAE O. des Murs, 1860, *Traité gen. ool. ornith.*: 530

LEPTOSOMATINI Filipjev, 1916, *Ezhegodnik zool. Mus.* vol. 21: 64

Leptosomatum Bastian, 1865, *Trans. linn. Soc. London*, vol. 25: 144

LEPTOSOMIDAE Blyth, 1838, *Mag. nat. Hist.* (2) vol. 2: 421

Leptosomus Vieillot, 1816, *Anal. nouv. ornith. élém.*: 28.

The following is the original reference to a subsequent type-species designation entered on the Official List of Generic Names in Zoology by the Ruling given in this Opinion:

Of *Cuculus discolor* Hermann, 1783, for *Leptosomus* Vieillot, 1816, by Cabanis and Heine, 1862, *Mus. Hein.* vol. 4: 57.

CERTIFICATE

I certify that the votes cast on Voting Paper (76) 3 were cast as set out above, that the proposal contained in that Voting Paper has been duly adopted, and that the decision so taken, being the decision of the International Commission on Zoological Nomenclature, is truly recorded in the present Opinion No. 1068.

R.V. MELVILLE
Secretary

International Commission on Zoological Nomenclature
London
27 July 1976